

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
 Data File : BM028272.D
 Acq On : 24 Dec 2020 22:07
 Operator : JU/CG
 Sample : L5195-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	32	36	42	rVB	22507	28724	1.03%	0.107%
2	3.975	131	134	138	rBV5	2182	3193	0.11%	0.012%
3	4.110	153	157	162	rVB5	3579	5505	0.20%	0.021%
4	4.204	170	173	176	rBV	4613	4772	0.17%	0.018%
5	6.216	513	515	524	rVB6	1794	2996	0.11%	0.011%
6	7.134	666	671	677	rVB5	2980	5732	0.21%	0.021%
7	7.322	691	703	711	rVB	112040	183312	6.59%	0.684%
8	7.498	726	733	743	rVB	368639	569183	20.46%	2.125%
9	7.704	761	768	776	rBV	416230	661595	23.78%	2.470%
10	7.781	776	781	787	rBV3	7323	12428	0.45%	0.046%
11	7.963	808	812	818	rBV7	2350	4488	0.16%	0.017%
12	8.186	843	850	856	rBV	379951	604577	21.73%	2.257%
13	8.239	856	859	866	rVB2	11052	16147	0.58%	0.060%
14	8.328	872	874	881	rVB5	2250	4632	0.17%	0.017%
15	8.510	899	905	910	rVB5	2894	5329	0.19%	0.020%
16	8.569	910	915	921	rBV	4383	6742	0.24%	0.025%
17	8.886	963	969	980	rBV	309631	499278	17.94%	1.864%
18	8.969	980	983	987	rVV4	2581	3517	0.13%	0.013%
19	9.104	1002	1006	1011	rBV4	7759	11772	0.42%	0.044%
20	9.228	1021	1027	1035	rBV2	16438	30917	1.11%	0.115%
21	9.357	1035	1049	1061	rVV	447344	798383	28.70%	2.980%
22	9.657	1094	1100	1104	rBV6	2983	7325	0.26%	0.027%
23	9.745	1109	1115	1124	rVB4	10876	20689	0.74%	0.077%
24	9.839	1126	1131	1135	rBV5	8739	18295	0.66%	0.068%
25	9.875	1135	1137	1140	rVB3	2840	3240	0.12%	0.012%
26	10.086	1166	1173	1188	rVB	393798	638834	22.96%	2.385%
27	10.257	1196	1202	1205	rBV7	1817	3258	0.12%	0.012%
28	10.486	1233	1241	1244	rBV5	7512	13686	0.49%	0.051%
29	10.551	1247	1252	1255	rVB4	2348	3135	0.11%	0.012%
30	10.622	1258	1264	1273	rBV	574403	966370	34.73%	3.607%
31	10.769	1283	1289	1299	rBV2	33931	58996	2.12%	0.220%
32	10.904	1309	1312	1316	rVB4	2739	3552	0.13%	0.013%
33	11.010	1324	1330	1338	rVB	507965	848268	30.49%	3.167%
34	11.139	1346	1352	1360	rBV	39194	71635	2.57%	0.267%

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Integration Parameters: LSCINT.P

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35	11.363	1384	1390	1395	rBV4	4388	8245	0.30%	0.031%
36	11.527	1413	1418	1423	rBV	7181	12235	0.44%	0.046%
37	11.586	1423	1428	1433	rVV2	8262	13472	0.48%	0.050%
38	11.663	1436	1441	1447	rVB	9855	16109	0.58%	0.060%
39	11.763	1454	1458	1462	rVB5	1835	3405	0.12%	0.013%
40	12.227	1535	1537	1543	rVB5	2758	4481	0.16%	0.017%
41	12.474	1573	1579	1586	rBV	10898	22717	0.82%	0.085%
42	12.586	1593	1598	1603	rVB2	11186	16994	0.61%	0.063%
43	13.174	1692	1698	1705	rBV3	10008	16131	0.58%	0.060%
44	13.416	1733	1739	1747	rBV2	14117	21296	0.77%	0.079%
45	13.692	1782	1786	1791	rVB2	4400	6766	0.24%	0.025%
46	14.127	1855	1860	1863	rVV3	1919	2898	0.10%	0.011%
47	14.210	1866	1874	1879	rBV	1035630	1446916	52.00%	5.401%
48	14.257	1879	1882	1888	rVV	80553	100915	3.63%	0.377%
49	14.327	1890	1894	1899	rVB3	15321	19871	0.71%	0.074%
50	14.439	1908	1913	1918	rBV5	4313	7993	0.29%	0.030%
51	14.510	1918	1925	1932	rVV	1251587	1775205	63.80%	6.627%
52	14.557	1932	1933	1937	rVB3	3752	2830	0.10%	0.011%
53	14.733	1957	1963	1970	rBV	47296	62591	2.25%	0.234%
54	14.815	1970	1977	1983	rVV	740853	1093155	39.29%	4.081%
55	14.986	1999	2006	2015	rBV	107015	161599	5.81%	0.603%
56	15.192	2036	2041	2046	rBV7	3829	6369	0.23%	0.024%
57	15.533	2094	2099	2104	rVV	22789	30265	1.09%	0.113%
58	15.580	2104	2107	2110	rVV	14085	22278	0.80%	0.083%
59	15.604	2110	2111	2118	rVB	13864	14259	0.51%	0.053%
60	15.798	2137	2144	2151	rBV	1519213	2167120	77.89%	8.090%
61	15.904	2156	2162	2176	rVB	532728	730848	26.27%	2.728%
62	16.033	2178	2184	2189	rBV2	18018	24761	0.89%	0.092%
63	16.139	2196	2202	2206	rBV4	5655	10055	0.36%	0.038%
64	16.168	2206	2207	2214	rVB5	3492	3473	0.12%	0.013%
65	16.415	2245	2249	2253	rVB4	2333	3248	0.12%	0.012%
66	16.480	2253	2260	2263	rBV6	3601	8050	0.29%	0.030%
67	16.527	2263	2268	2272	rVV	34820	44215	1.59%	0.165%
68	16.568	2272	2275	2280	rVB4	7407	10982	0.39%	0.041%
69	16.662	2286	2291	2295	rBV4	5057	7107	0.26%	0.027%
70	17.268	2389	2394	2398	rBV6	7368	11266	0.40%	0.042%
71	17.315	2399	2402	2407	rVB4	4512	7164	0.26%	0.027%

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72	17.533	2433	2439	2445	rBV	888220	1213229	43.61%	4.529%
73	17.633	2449	2456	2469	rVB	1679614	2348496	84.41%	8.767%
74	17.792	2479	2483	2485	rBV3	3101	4369	0.16%	0.016%
75	17.892	2495	2500	2501	rBV5	2597	3667	0.13%	0.014%
76	17.998	2515	2518	2520	rBV3	4760	4465	0.16%	0.017%
77	18.045	2522	2526	2528	rBV3	4435	5299	0.19%	0.020%
78	18.174	2545	2548	2550	rVB4	5454	5024	0.18%	0.019%
79	18.392	2579	2585	2592	rBV	91915	137932	4.96%	0.515%
80	18.468	2596	2598	2601	rVB2	6289	8111	0.29%	0.030%
81	18.680	2631	2634	2637	rBV4	5606	5618	0.20%	0.021%
82	19.045	2692	2696	2699	rVB7	4228	4663	0.17%	0.017%
83	19.450	2760	2765	2770	rBV	130640	171367	6.16%	0.640%
84	19.492	2770	2772	2775	rVV2	15031	17512	0.63%	0.065%
85	19.527	2775	2778	2785	rVB	22680	33497	1.20%	0.125%
86	19.645	2794	2798	2803	rBV	29866	40433	1.45%	0.151%
87	19.780	2818	2821	2827	rBV	18001	24378	0.88%	0.091%
88	19.892	2834	2840	2848	rBV2	2013692	2701657	97.10%	10.085%
89	21.339	3081	3086	3093	rBV	318270	467896	16.82%	1.747%
90	21.644	3133	3138	3144	rBV	1020840	1325319	47.63%	4.947%
91	22.709	3316	3319	3327	rVB2	84129	109572	3.94%	0.409%
92	23.856	3507	3514	3522	rVB	1428306	2782275	100.00%	10.386%
93	24.003	3533	3539	3547	rVB2	664896	1335461	48.00%	4.985%

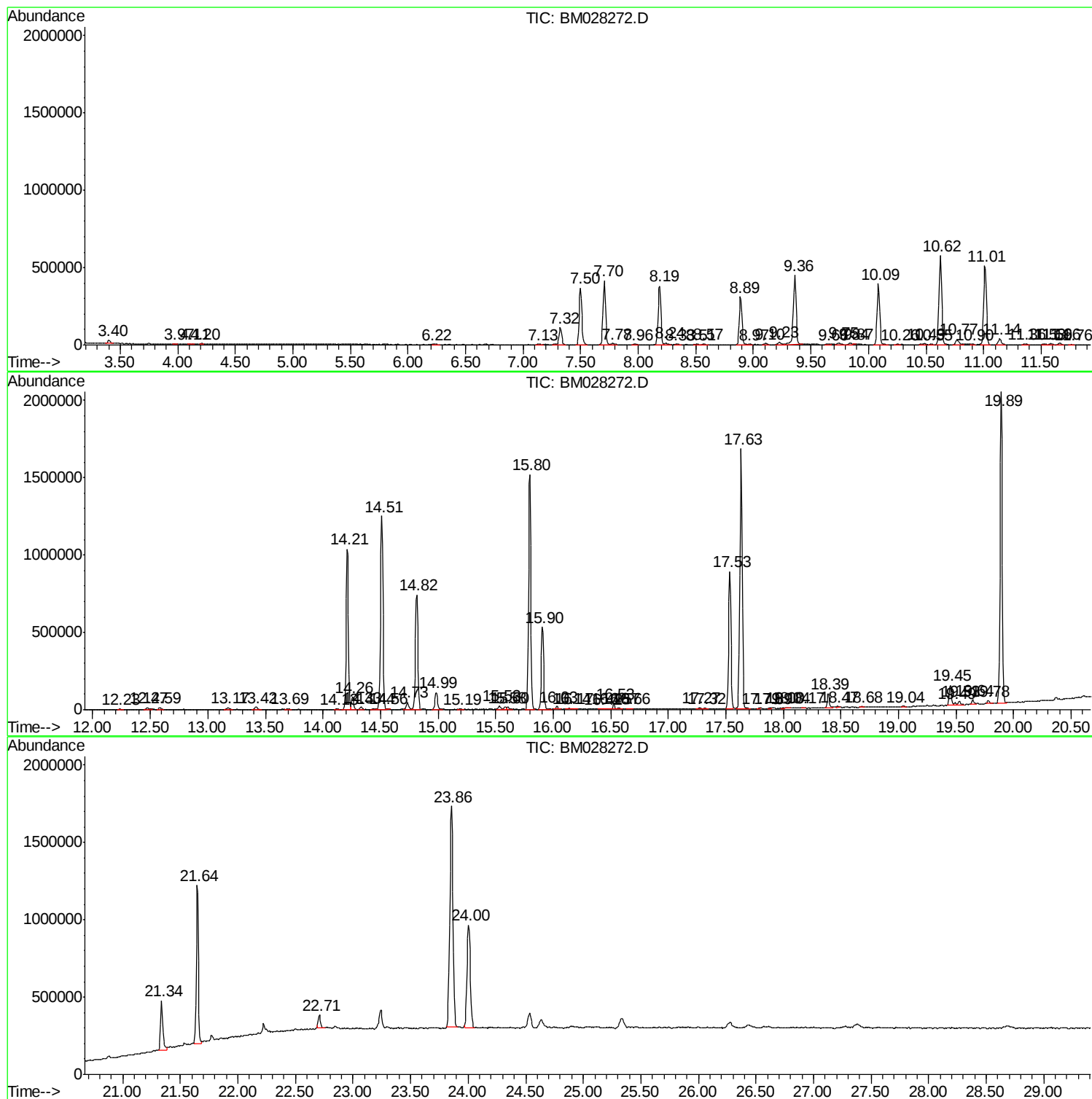
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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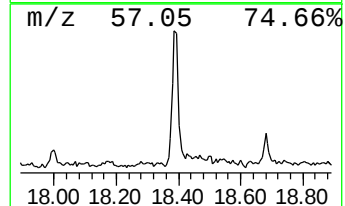
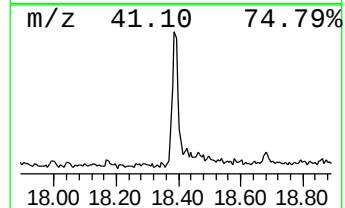
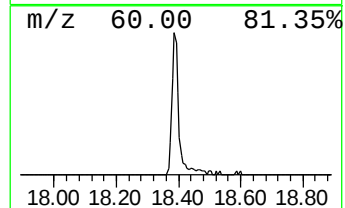
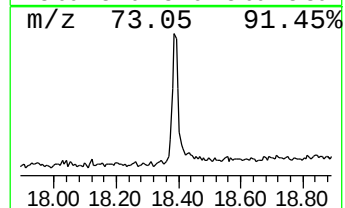
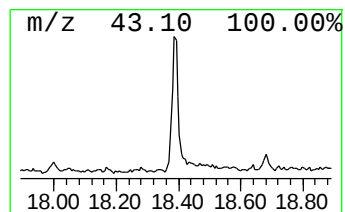
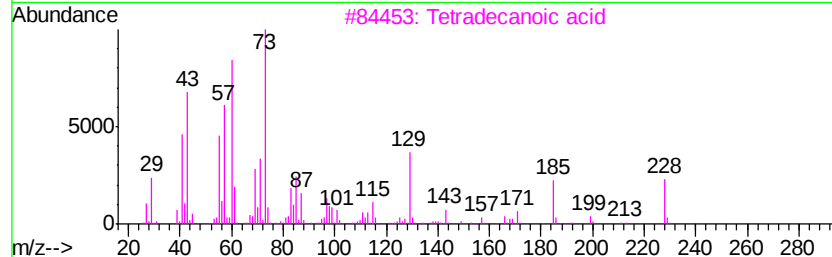
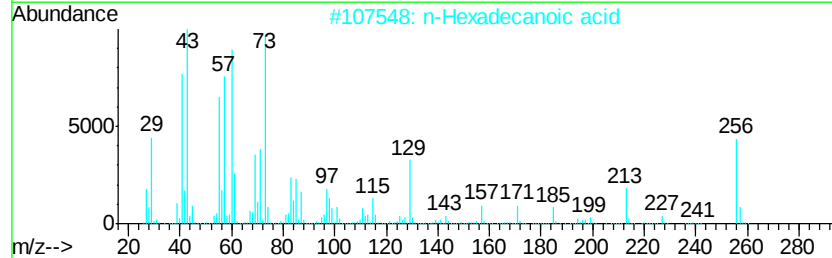
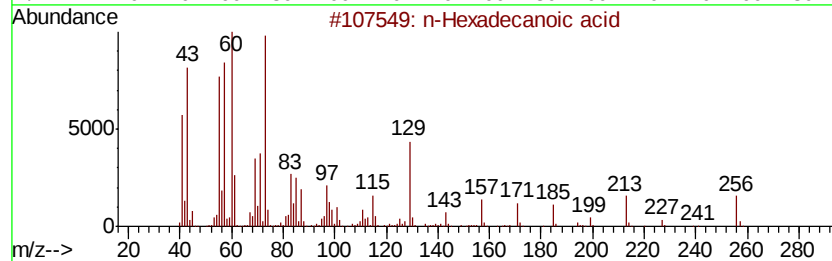
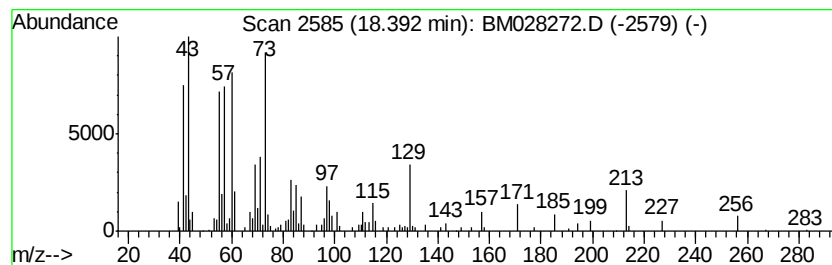
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.27 ng/ul	137932	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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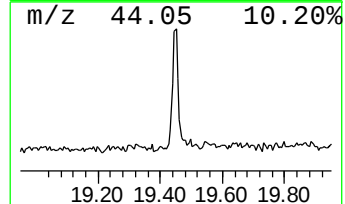
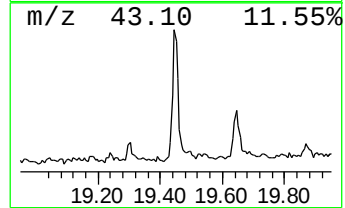
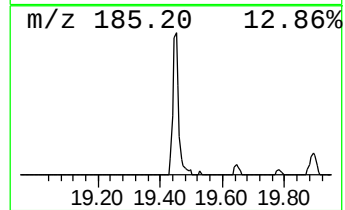
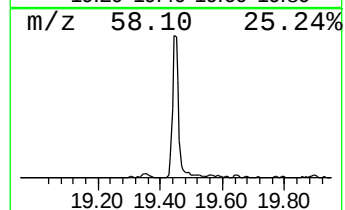
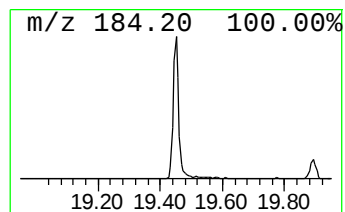
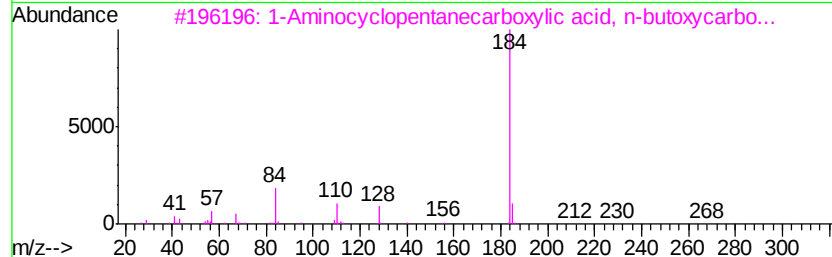
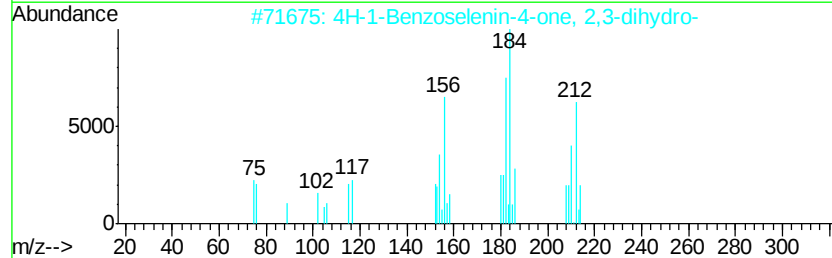
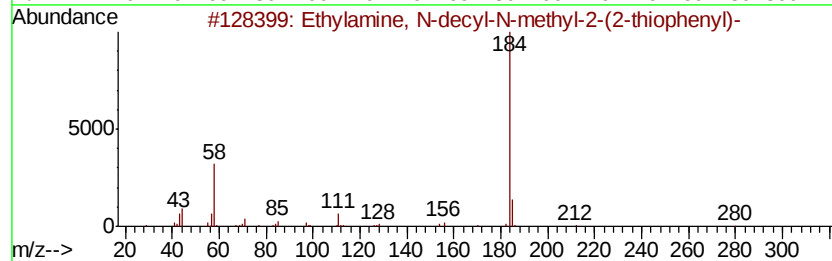
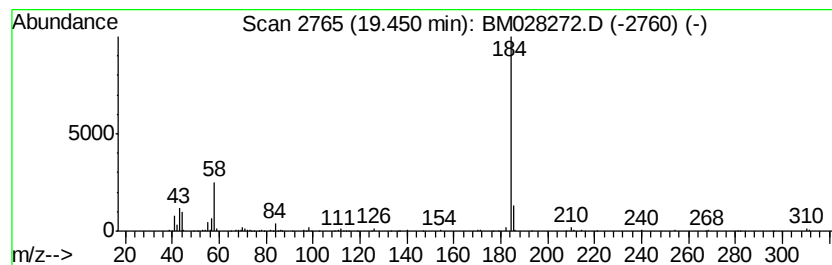
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethylamine, N-decyl-N-methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.45	2.82 ng/ul	171367	Phenanthrene-d10	17.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethylamine, N-decyl-N-methyl-2-(...	281	C17H31NS	1000310-34-4	72
2		4H-1-Benzoselenin-4-one, 2,3-dih...	212	C9H8OSe	004671-90-3	64
3		1-Aminocyclopentanecarboxylic ac...	369	C21H39N04	1000329-09-5	50
4		1-Aminocyclopentanecarboxylic ac...	397	C23H43N04	1000329-09-7	50
5		d-Proline, N-neopentylloxycarbony...	467	C28H53N04	1000328-21-7	40



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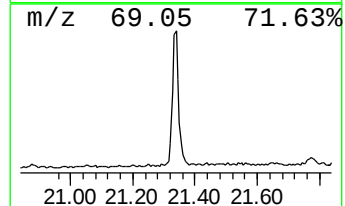
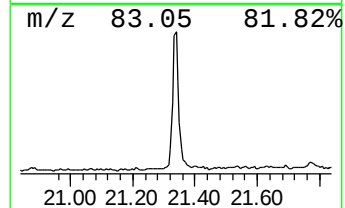
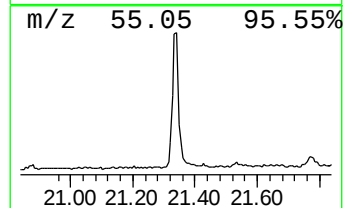
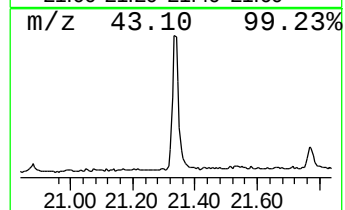
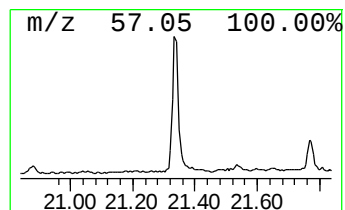
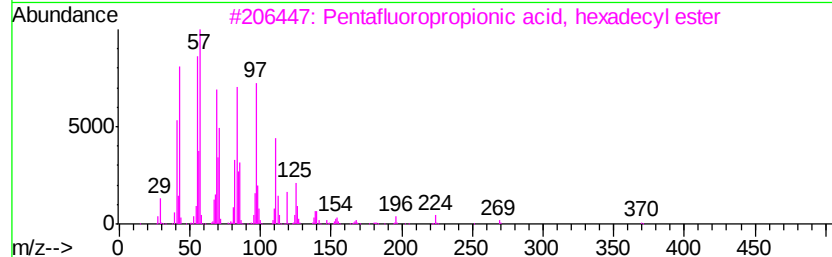
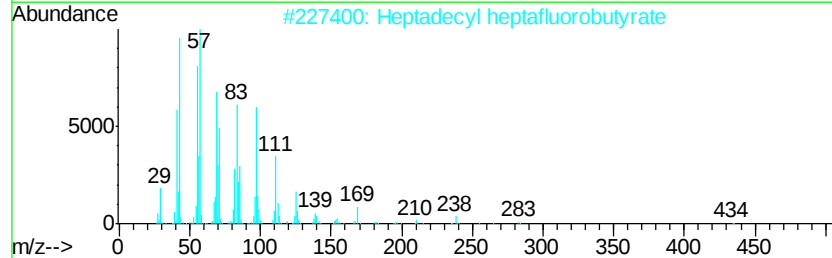
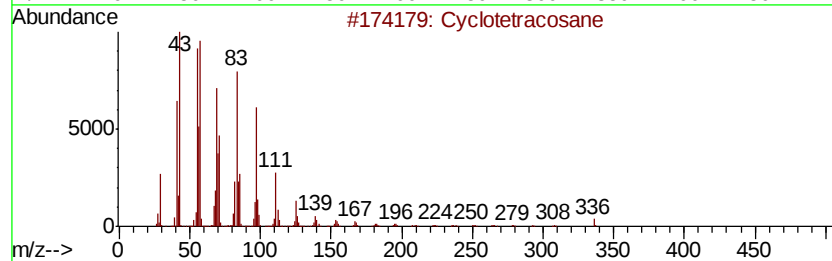
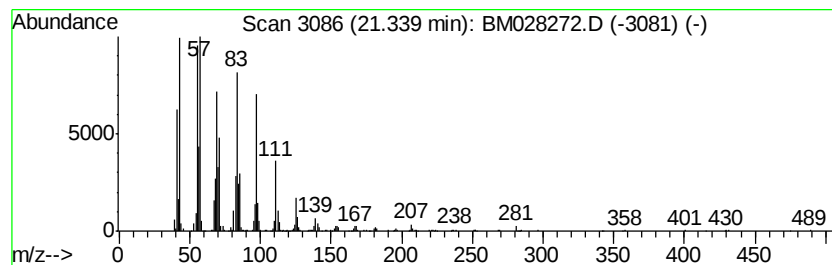
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	7.06 ng/ul	467896	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	94
4		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



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ClientSampleId :
C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.39	2.3	ng/ul	137932	4	17.53	1213230	20.0
Ethylamine, N-dec...	19.45	2.8	ng/ul	171367	4	17.53	1213230	20.0
(DEL) Alkane: Cyc...	21.34	7.1	ng/ul	467896	5	21.64	1325320	20.0